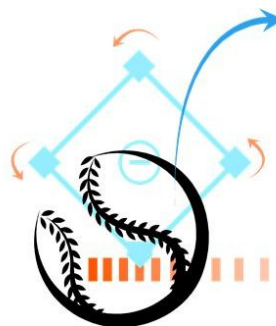


THE UCMR UPDATE

Spring Training Edition

Editors Notes

Wow— time flies being part of the exciting UCMR winning team. I am the newest recruit and feel lucky to be part of such a hard working and dedicated team. The proposed third Unregulated Contaminant Monitoring Regulation (UCMR 3) was published in the Federal Register on March 3, 2011. This new proposed regulation triggers celebration for the imminent closure of the UCMR 2 season, and creates excitement for the start of UCMR 3 activities. Our “batting average” for public water systems sampling during UCMR 2 is near-perfect. More than 99% of public water systems (PWSs) required to sample for UCMR 2 have thus far reported data. We are running to home plate as UCMR 2 reporting nears completion while we look forward to UCMR 3. Don’t strike out and miss the important information included in this issue.



March 2011

Issue 15

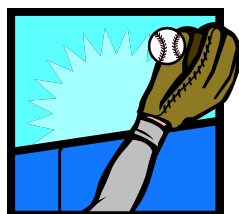
EPA 815-N-11-001

Natalie Davidson, editor

O.R.I.S.E. Fellow

Technical Support Center

UCMR Update Issue Number 15 – Issued by the Technical Support Center (TSC) of the Office of Ground Water and Drinking Water (OGWDW). Future updates will be distributed as needed to maintain the flow of Unregulated Contaminant Monitoring Regulation (UCMR) information.



Don't Drop the Ball! Important Dates

March 3, 2011Proposed UCMR 3 published in Federal Register

May 2, 2011Last day for public comment on the proposed UCMR 3

Early 2012Anticipated final rule published

90 days from Publication of final rule.....EPA anticipates this as the final opportunity for a laboratory to request the necessary registration forms

2013Anticipated timeframe for UCMR 3 monitoring to begin

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A new season of monitoring: Fans cheer for UCMR 3 Signing

The proposed third Unregulated Contaminant Monitoring Regulation (UCMR 3) was published in the Federal Register on March 3, 2011. Together EPA, the States, laboratories, and public water systems (PWSs) are engaged at various levels with key roles in UCMR 3.

<http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3/index.cfm>

UCMR 3 Proposal Highlights:

- Sampling is anticipated during 2013-2015. The proposed monitoring includes two viruses and 28 unregulated chemical contaminants.
- Monitoring for two viruses would be the first Pre-Screen Testing (List 3) within UCMR.
- All PWSs serving more than 10,000 people and a representative sample of 800 PWSs serving 10,000 or fewer people would be required to conduct **Assessment Monitoring (List 1)** for 28 chemicals during a 12-month period between January 2013 through December 2015. Additionally, 800 selected PWSs serving 1,000 or fewer people would be required to conduct **Pre-Screen Testing (List 3)** for two viruses during a 12-month period during January 2013 through December 2015.



Public Comment Period for the Proposed UCMR 3

Public comments on UCMR 3 will be accepted for 60 days after the proposed rule publication in the Federal Register (i.e., until May 2, 2011). You may submit your comments, identified by Docket ID No. OW-2009-0090, by one of the following methods:

<http://www.regulations.gov> (follow the on-line instructions for submitting comments) or

E-mail: OW-Docket@epa.gov.

State Partnership Agreements

As in the past for UCMR 1 and UCMR 2, states have the opportunity to assist EPA with certain aspects of implementation. A Partnership Agreement (PA) is used to document states' roles and is coordinated through their Regional EPA offices. State officials should be hearing from their Regions soon about the PA details. For those states that do not enter into PAs or do not take on particular responsibilities, EPA will work directly with the PWSs selected to participate in UCMR 3.

UCMR 3 Proposed Contaminant List

Assessment Monitoring, List 1			
Contaminant	CAS Registry #	Minimum Reporting Level	Analytical Methods
Hormones			EPA 539
17-β-estradiol	50-28-2	0.0004 µg/L	
17-α-ethynylestradiol	57-63-6	0.0009 µg/L	
estriol	50-27-1	0.0008 µg/L	
equilin	474-86-2	0.004 µg/L	
estrone	53-16-7	0.002 µg/L	
testosterone	58-22-0	0.0001 µg/L	
4-androstene-3,17-dione	63-05-8	0.0003 µg/L	
Volatile Organic Compounds			EPA 524.3
1,2,3-trichloropropane	96-18-4	0.03 µg/L	
1,3-butadiene	106-99-0	0.1 µg/L	
chloromethane	74-87-3	0.2 µg/L	
1,1-dichloroethane	75-34-3	0.03 µg/L	
n-propylbenzene	103-65-1	0.03 µg/L	
bromomethane	74-83-9	0.2 µg/L	
sec-butylbenzene	135-98-8	0.04 µg/L	
chlorodifluoromethane	75-45-6	0.08 µg/L	
bromochloromethane	74-97-5	0.06 µg/L	
Synthetic Organic Compounds			EPA 522
1,4-dioxane	123-91-1	0.07µg/L	
Metals			EPA 200.8 Rev 5.4, ASTM D5673-10, Standard Methods 3125 (1997)
vanadium	7440-62-2	0.2 µg/L	
molybdenum	7439-98-7	1.0 µg/L	
cobalt	7440-48-4	1.0 µg/L	
strontium	7440-24-6	0.3 µg/L	
Oxyhalide Anion			EPA 300.1, ASTM D6581-08, Standard Methods 4110D (1997)
chlorate	14866-68-3	20 µg/L	
Perfluorinated Compounds			EPA 537 Rev 1.1
perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.04 µg/L	
perfluorooctanoic acid (PFOA)	335-67-1	0.02 µg/L	
perfluorononanoic acid (PFNA)	375-95-1	0.02 µg/L	
perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.03 µg/L	
perfluoroheptanoic acid (PFHpA)	375-85-9	0.01 µg/L	
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.09 µg/L	
Pre-Screen Microbiological Testing , List 3			
Virus Monitoring			See proposed rule
enteroviruses and noroviruses	N/A	N/A	

UCMR 2: National Contaminant Occurrence Database (NCOD)

Current data and statistics for monitoring results from the second Unregulated Contaminant Monitoring Regulation are presented in the NCOD. For more information and to access the data please visit the website:

<http://water.epa.gov/scitech/datait/databases/drink/ncod/databases-index.cfm>

Laboratories who want to be part of the UCMR winning team

Laboratories interested in analyzing samples for public water systems (PWSs) must be aware of the UCMR 3 laboratory approval requirements. Laboratories must register for the Laboratory Approval Program and complete the method-specific application packages. Upon review, qualified laboratories will be eligible to participate in a proficiency testing (PT) program. Laboratories that successfully complete the PT program are granted method-specific approval to analyze samples for UCMR 3. To begin this process, request registration information via email:

UCMR_Sampling_Coordinator@epa.gov

or letter correspondence:

UCMR 3 Laboratory Approval Coordinator

US EPA, Technical Support Center

26 West Martin Luther King Drive (MS 140)

Cincinnati, OH 45268



Golden Faucet Award

This issue's Golden Faucet Award goes to Dan Hautman. Dan had been the implementation team leader for UCMR since its beginning in 1999, but recently was promoted to TSC's Deputy Director. Dan was an all-star on the UCMR team. Much of the implementation success for UCMR 1 and UCMR 2 can be attributed to Dan's hard work-- either by his work or his leadership abilities. Anyone who has worked with Dan (just about everyone involved in UCMR) knows his outgoing personality and his penchant for analogies. What they may not know is the time and effort he dedicated to UCMR. Many late nights and weekends, we would find Dan tirelessly working away on UCMR. Dan's leadership and professionalism will be greatly missed on the team, but we look forward to working with him in his management role.

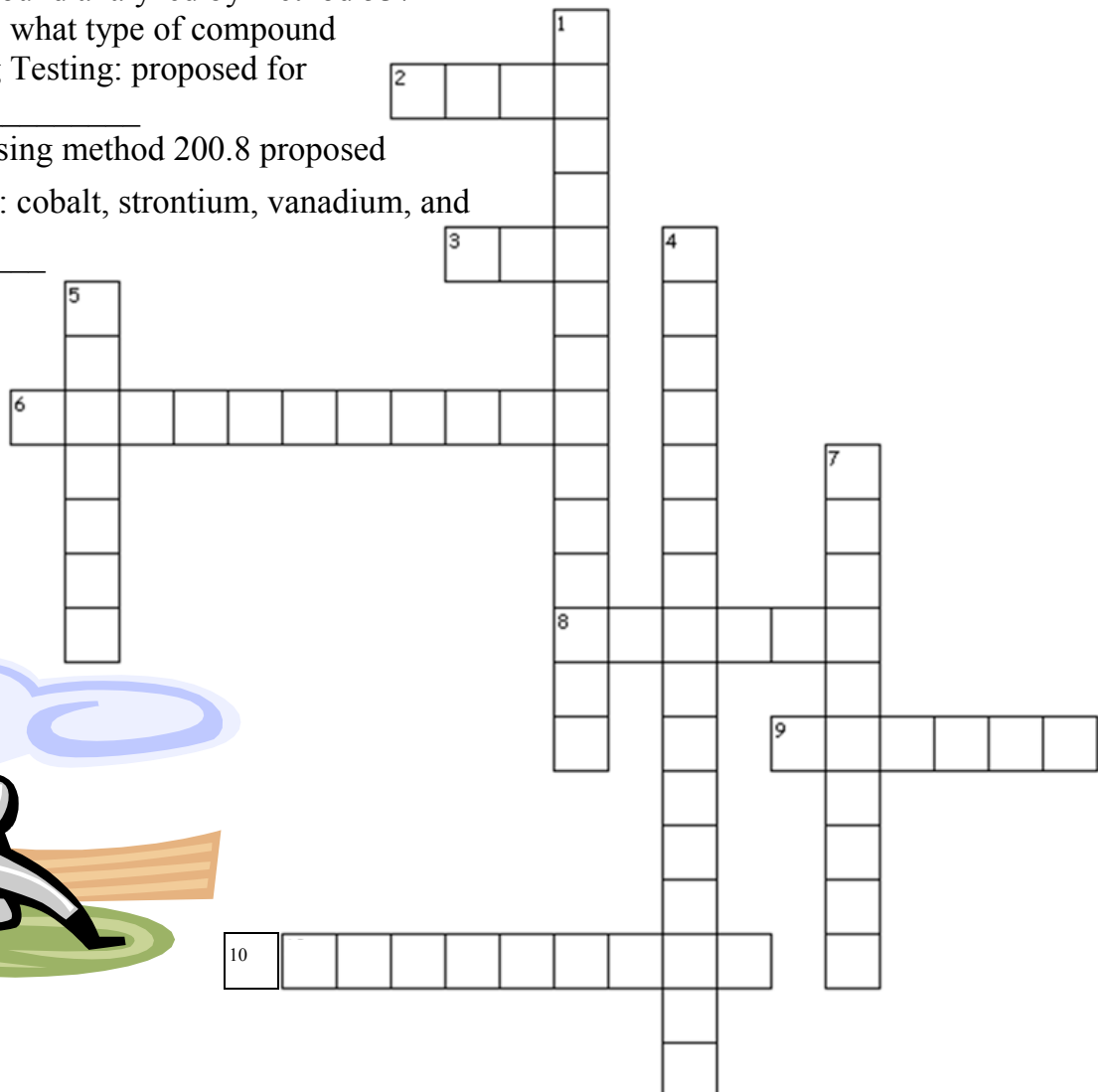
Take a swing at this fun crossword with challenging clues about UCMR 3 terms. Search the UCMR 3 proposed rule for clues.

Across

2. Number of years for a UCMR cycle
3. A potential list of contaminants considered for UCMR monitoring
6. Source water type for the microbiological contaminants in UCMR 3 proposal
8. Proposed number of contaminants under UCMR 3
9. Safe Drinking Water Accession and Review System
10. List 1: _____ Monitoring

Down

1. Type of compound analyzed by method 537
4. 1,4-dioxane is what type of compound
5. Pre-Screening Testing: proposed for two types of _____
7. Four metals using method 200.8 proposed for UCMR 3 are: cobalt, strontium, vanadium, and _____



Contact EPA

Safe Drinking Water Hotline: General UCMR questions: (800) 426-4791

CDX/SDWARS Help Desk: SDWARS/UCMR registration and electronic reporting system questions: (888) 890-1995

UCMR Message Center: UCMR implementation questions

Phone: (800) 949-1581

E-mail: UCMR2@glec.com

UCMR Sampling Coordinator Correspondences:

Mail: U.S. Environmental Protection Agency

Technical Support Center (MS-140)

26. W. Martin Luther King Drive

Cincinnati, OH 45268

E-mail: UCMR_Sampling_Coordinator@epa.gov

Laboratories and PWSs: When contacting EPA about UCMR issues, please include your UCMR lab ID or Federal PWS ID, respectively.

**We are on the
web!**

<http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/index.cfm>

Please contact the UCMR Sampling Coordinator **via e-mail** if you are not the correct person to receive this newsletter; your address needs to be corrected; or you do not want to receive this newsletter. Please include your **name**, **PWS ID** (or **lab ID**), the **name of the PWS (or laboratory)** and, if applicable, the way you want to receive the newsletter. Thank you.

Crossword Answers

- | | | | |
|-------------------|----------------------|---------------|----------------|
| 1. perfluorinated | 4. synthetic organic | 7. molybdenum | 10. assessment |
| 2. five | 5. viruses | 8. thirty | |
| 3. CCL | 6. ground water | 9. SDWARS | |